No 22 9. (Paper Manis 9 A Difsertation on Intermittent Florers, 1824 Submitted to W. E. H Dean theeramination of the Rev. Fred! Beasley D.D. Provost, The Prester, and Medical Faculty. of the University of Pennsylvania October 30 16 1823. For the Degree of Doctor of Medicine John ets. Fandbridge Miladelhhio.

10 an a 10 ca 2. 3. 9. H. Sutternitlent fever is a divine characterist by an alternate sever point of Maryyon, and abutement of the February and abutement of

This decian has prevailed extensively for the last their years in the environs of this city, proving the cause of much district among the parene defined society, who are principally ladde to it attacks, from went of good atothing diet to, exposured the city I night aid

Schall first constant the different Security sacrieties of the region, 200 the Symptoms, 300 the Orazoneis; 4th the affection in ofthe Deethy 3th the causes; & layly constant the testant of more forces

1st of the Species & Varieties of Saternittent Servey.

The Species of these senon are three, viz, The Qualities, the Sections, I Quarter freeze - Sou the Quicking, the Parroys or voting every lang, in the Section, every third day, and is the Quarter, every fourth day, and is the Quarter, every fourth day. Wither common at begins they then species, swood variety of them

10 de d or of or we have and hough art often eccurring, many by well be mention here, and are as followy— The Varieties of the Vestiana Duples, having a parsy you sway day, with the adventile parsy you what, I not saw Justicana Duples have for many 3rd day, I never have been been suite day, I never have been been for the charge have been been the place every third day, or he can be all parsy years to the place every third day, or he can be all parsy years to the place every third day, or he can be always existed any also.

The Davictie of the Quarter are, It Quarters a display, which has a paragraph on the 12 J 22, but now on the third 22, but now on the third day; 22 Quarters with two paragraps every \$ 220; 32 Quarters with every many a paragraph every a gravity with every Joseph Davigues addes; It Quarters Triplicate which barrygen addes; It Quarters Triplicate which has three paragraps every \$ 200.

The in the chief overities of infortance in grant though some willing mention others, I Burgering days, that the 2nd is an sometime, has two en even three paroxygons in the Day, this however can

he not be vistinguished from a continued yever?

The pairing me of a Institute force occur in the morning, howing the shortest all fit, but on the whole, the largest paragysm; There of the Testian votion at moon, and have a longer and fit thus the Quartifican, but on the whole a shorten paragraym; there of the Quartan ham the tengent and fit, but on shorten paragram them either .

It ought also to be noticed, that there forces have

often a disposition to return annually.

2 2 of the Symptones of Intermident pours.

a segular parogyon of an Intermittent is sind is not those stages, The most stocking symptom of the first stage, is a sease of early necessaristy that hair the first stage, the december of the sets stage; the december of being the try and he chief symptom of the hat stage, and he chief symptom of the third stage is a cylicia, secretion of pre-

20 E. C. 0 6

spiration, thence called the sweating stage. Of the Symptons of the Col Stage. This generally commences with a sense of languor and debility, frequent yourning & stretching, and over sion to food. The pulse is sometimes slower, and always weaker than natural, the face of extremities become pale, I shruk -. at length the patient feels very cold; a trembling begins, generally, in the lower juw, and gradually spreadover the whole body. Sometimes the cold is confined to one or more of the limbs and at the same time the rest of the body glows with heat. after the shaking has continued some time, the patient still complaining of coto, the warmth of his skin, when measured by the thermometer, or by the feelings of another person, granually increases. The pulse during this stage is small and frequent, often searcely, to be felt, and irregular at the same time, the respiration becomes proquent and anxious, and sometimes the person is affected

with rough the sensitivity is often impared, and in were severe every, some regrees of deterious or the stript; one the stript; constant, the momenty of most or retry, furthered statement, the momentum of the interest of the severe constant, which is made of the severe constant of the severe constant in the severe constant of the severe constant paint in the severe constant paint in the severe constant of the severe constant to the

Of the drompterny of the hold of Meneting Stages, The cold and Mountain after alremating For down times well stack for of men for the following the fact of the following the both accomplance by a transfer of the following the Mountain of Mountains, aim with head the obtained the Mountains. The patent becomes organized from the following of the one of the stage of the body of the over from the 8 vegres where the matural temperatures, the respective of the sound the 8 vegress where the matural temperatures, the respective of the sound of the sound



siration is futher and more free, but generally more prequent and any were than in health. The constitute 4 mortilly increased, so that the rations cannot endure noise, or light, the heasache becomes more intinge and distreping, and in severe case, detirium is induced. The write becomes high coloured, but is still without " wint, took selsom occur, till the end of the paper you, when there is generally a loop stoot. The nauges of vomiting aboute, and generally go off on the approach of the sweat. Hemorrhages often occur in the hot stage and in cases of high action, I much excelement they are generally favorable. The lot stage if at length lirminated by a profuse sweat, which generally begins about the head and breast, extending gradually to the Sack Nextremities The strongth and frequency of the rule abate, and the breather becomes free. The urme deposits a Cataritions ded wient the thirst about, and the patient generally Julys



wite a Mey from which learnery from from four; but slife weeks. These symptoms are not always equal by well marked in every parroyysm. The cold filey sending very slight, or even totally wanting, this bot fit semetimes, forced in the ield dementing the last and successionally the and successionally there ignore sweeting of any at all.

3 19 of the Prognosy.

This way be rivided with two heads, had of the parts of my and that of the Apyregia.

O'the Frognosigin he Paropysm.

Survey die Symplemy are, when the farages in is that the farages in is that the farages in the farages of the funding. Despute is mostly farages of the survey gray, not constring, made vertically, is also a favorable dign. Also a reposition of a laterities, deducated resembling or stand, with writers, is very favorable, if in general, a dejor of the services, is very favorable, if in general, a



- Startings and subsultes tendinum of tri terminal in general convulsions, in which the patient expires. Come and delirium are unfavorable implous. False & depresed mision an amongst the worst of signs. Palpitation of the heart, I much any city are unfavorable, as is also a weak, frequent of wregular pulse. There is also danger in the opposite state of the circulation, which however, it is more in our power to control. The very piration anyony and quick interrutated with light and grown, occasionally, intermitting and accompanied with heriough is very atarmiz. Changes of voice, I lop of speech indicate great danger. In the natural functions much nauses, the abdomen swelled, nurs I hainful to the louch, and obstinate costioners, are bad symptomy. a sollew, or partial longue, or immoderately dry and black, or dling and gelationess, denotes much danger. Colliquative diar rhas, I romiting of dark matter, especially, loward, the eas of the paroxy sui, if it son not afford relief



is dangerry. He corins or desent being come office in the frence of a nack color, and delegiting a nack or Matchill. deliment, the later tinging the langua of a brown colour, are assumpt the most advance of a brown tolour, are assumpt the most advance of about the greatest danger. It give a desented by are about a few of the passengers, are also very bad by assent, at the ear of the passengers, are also very bad by applicing.

Prognosis in the Apyrenia.

Surveyly, especially if the paryigement is immediately, especially if the paryigements in immediately, afterwally if the paryigements in immediately, and the palaint anion upon health during the intermediate without much before of the west and early mays to they is the most frequent, and removed must easily mays to they is the qualities on a lastly the partial of the whitely interested in the considerable. When a last suppression or many which without any evident cause is considerable more securification which are evident cause is considerable more securification. When the host of the the test of the test and provide of Intermediated. It generally happened in the bot stage,



Mark receiving to From him, death for place most presents in the cell stay of the quarter beaux. He scaletest many due in the surealing stage. Death demoderies, creases in the restrongion, in consequence of the risteam of the presenge per original of the presence of the risteam of the presence of the risteam of the presence of the risteam of the presence of the reservation.

Why by the Merchia appearances and feelies. The Assure I haveling mountain of Mexiciting are frequent by found inflamed, or of a lack color, and sometimes, where with from the omenhum and mercular sometimes absence with and in other cases, have demonstree for read in them. The ball bladder of often tingle, & much bile of something forms in the ottomark and integling, the biles of formally and contain and entry of domesting deliminged and of a willow, the course for the being court of a willow, the course for the same being the famous of a will be the other the paracress is also forms colored and domesting alcording to the transfer and forms colored and domesting alcording the transcess is also forms colored and domesting alcording the transcess is also forms colored and domesting alcording the transcess is also forms colored and domesting alcording the transcess of the forms colored and domesting alcording the transcess of the forms colored and domesting alcording to the transcess of the forms colored and the transcess of the transcess of the forms colored and the transcess of the transcess of the forms colored and the transcess of the



affile. It is flew enlarged. I meniferently industry, in this state, it has obtained the manus of a gas cake, being felt by the patient king if through the integerment of the absonce. The most of intermediate in the light point in maintain. Fraces of intermediate in the large and pleasant of the absonce of the large larged with dark colors blood. Merity also absonce of the last and he properly of the large with dark colors blood. Merity absonce of the heat are hep fraces of the last and he properly of several in the second of the last and he fraces with a second last fraces of in flammation are more and the train. If the balanch he sub with a cite fit, an accommutation of the balanch is served in the intermed Sart.

5th of the Causes of Intermedians, of March mest general crase, in many Intermediants, is March Missma, which is the water or effluence from marshes and dwamps, Mear Ouganut pend, more expecually in hot weather, they fevers are of two Essencies. Of late, inversely, Intermediants have afterned in several rate of his country sound hathard thing in the drugst and



mest elevate parts, contrary to their usual origin. The precisioning course, in general, one, a poor watery det, great satisfies, in metaling great, expended and and damp night air; being in damp rooms, or her, died a damp at got on the satisfies of the Greatment.

The brendment of Latermillent, may be divided into that of the parroy and nat that of the absorption is Internal from the former, is published in only , and it was the treatment during the absorption or culture spein, that we de head for the word.

Of the Social ment

discount the Starogy on .
Then are here existended in the streatment of the parcy.
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22 during the best stage to induce a first secretion be
the other of the means to be mothered during the
All of the stream of the party has been they best of the
army by means of planty of according to the tricks of the
of warm would on has followed on hand. Will the



extremities and artifity. Warms cordial drinks, as Brandy Gwaler; Opium also, which is of the greater! imbortance, that the given, Partonal of Immonia is also of much use, and if he stomach is much shorofied on Practice ought to be given, which is close one of the mest effectual means of bringing on the hat stage. Indeed, if the disease is severe; an Emotion ought to be quiew before the cold fit has formed, as it often has the effect of stariting and preventing the affersact of ine a D stage Bleering is improper in the cot fit. When come, or deliveren is present, bliston may be placed on the hack . He neck, or if these symptomy are very violent, the Lead may be shaved, and a large High applied over it. Secondly - fthe Means to be employed hering the hot stige. During the hot stage, the patients thingt is generally vivere, and should be allayed by trinking more valely of cold liquidy, and when a moisture at leaven the thire, warm drinks should be used, as the infusions of the lighter aromatics, as Lage, or Balm to. or of the mild Bittery



as Chamomile, Enpatorium Perfolialum De. If during the hot stage, a vomiting and purguigof bile occur spontaneously, diluents on he are in general necessary, I when they fail ofter most of the wile in Discharged, prially must be had recourse to, Manseating doses of the Intimon. Tarturizat: are very useful in reducing the force of the circulation. Opino also when the patient is not ple-Thorie, is found generally a porrorful means of Shortening the Lot fit. It seems to act chiefly by promoting roughe ration and allawing the heat of the surface, I is best given in the form of Dovers Dowson. One of the best diebioretics however is the acetate of a umonia, or Minde very Spirit. When an inflammatory diathery is present, our offort, must be directed to remove this condition of the system. This may be accomplished by means of saline preparations as small doses of Sulfdet of Soon Mitrate of Potoss, and Sartaging Anthenoun in nauseating doses, when the inflam matory symptomy are not urgent. But when the excitement is considerable



more presented mean must be in this. Bloodeling is herefore highly proper when the patient is plethoried of there is a full hard pulse, fleghed counternance of great determination to the head. This remove graph to be on finish the het stage, and in general, to the commence must of the viscouse. In case of great heattration of drough, and when the system does not react, the body ongle to be within with friend "in which has a case of great the the without with friend to with the privale to be affected to the writer of the winter of further the wright of furt. Or the wright of furt, the form of arms in a family we can be found further when it conficients.

Of the Treatment during the Apureria?

It is generally advised by to tremisin Mercured purge or an Emotion. The most powerful remising for every like issues, is the Percureas Barke. In case of our court obstructions the Bark has been objected by both when no willow material by option of the when me will a material of the tree from the first pair, they have the confingly change in case of least pair, they have a tree of



is winprober. In these cases receive man to in the libiting wer the region of in attito views, or to bucher attles to the part, therewood me to your you do no do not as an atrontine. Them he for the trumstore Jun sto 1 are very great, blesting from the rom is profer. The most efficient more of administering the last is a lest be of fine process in dones, men the dricken at short interval wij over in two lours. It may be quiew a wie with reality, almost rea consensat retiele. According to the ich M. Dellar it; entruere in the West Ladier, to give one nexe in in nor my at me less from me Bereigh day. Her Momach however will her so large a Dose, not eases man occur, in which they we thou man 'w a) metagery. When The stomach cannot bear it in substances, so may use the inferior me e with est water, or extract repeated tall, which man is given in Pages of 10 as 12 gas every less or three lower. When the interior is used, it is of Duratage 's combine with it an somatie, as iler-



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pentance very jul in Clover, Such continuation on the form of records feeled bethe When the west of such in the little with and form of feeled bethe with the substitution of the such and and and the continuation of the substitution of the such as well as all as a feeled are from transfer in the frequency of feeled of the substitution in the frequency of the the substitution of the substitution. In the substitution of the substitution of the substitution. In the substitution of the substitution of the substitution. In the substitution of the substitution.

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an Dute is a later of honey upon the fit. One of the most calcade from lowevery of going the rook is that of the catholic of favorable of Lamine , which has have recently



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Any when my or is objectionable as the inflate is very last into the inflate is very last in the inflate is very begin to be a set in order one chanically suffered in the bear of or the way of few week of the w



as few drops of Sulthur water or the vigin of withing which remain the Sulthur which read on or the This remains generally ever in practice exceeding of the high brief.

" w some instances we cannot succeed in keeling to back on the domach, Sujection of the back man be I'm given, though their a much of officacions methos The external use of the Bark to else we recommended but it cannot be detended out. It may however dome times in of use in course this row of delicate women, in the state of rowsen sweet into the clother, and weather round the lody. The recertion of Back mere wisespir wa warm ist. This is construe used at advertige " court except somitale areis - This undentied to one of the most some fel means entland tis I siake, of which we are the extraction for The to who wit to with great durings . . . as users who is severy of a peteric habit, rudition especia 14 in child rea, us it is tasteless. It offects we not



alwant in form. In cases of Intermettent, that show a disposition to become Typhoid, Arsonic is improher, as it use is all to bringen hausen I comiting, \$16 encreases the rebility. His remed is given in Dores of 2 5 10 and one, will a french to come of the Day according to ace for of the street; anadually wireas up to love . It ought not is we watered longer that her or "when face or tirals where can themed long a bronger down wille sail, and were danger un ou allows . . case in which the Back In ails engine y resenie with it second in curry the most obstruct intermittent Am her rounds in this desire i the Aristo techia Section laria, and a sail cases may be very refuse. This is always a valuable a diction is the Barker. The Enpatorium Forfoliatum or Bonesel, rus been Att with much succep in this rienze. It man 's river in infusion hot, a a sea thereto, head and Touid. It has seen greatly used by renative practitions,



who sheek of it is very advantageous lesme. The Containing is also a white memory and mean to given it to En faterium. The Back of the Bornes Francis; . Dogwest, hat also were en floyed with hereldt, we may be given in Dage, be, Similar is the Comeria int. The Oak such, 'in burt of the lost of the virialender Julipiferum, have ins und and with success. The whole willow is also are indeginery flow, this it afterthe of which is occasionally use ful in this Disease. The Augusture . " a . A has been much ex talle, & indeed is a very good debytetale for the cenchone " low her to the counst se obtained. It is given in rather Smaller ropes, Smet in it has succeeded in the care of agus when he Cruvian . Buch had fulled. This article is very often useful in case of he Mon och The rower being irritable, I may ofter be retained in the Somach, when the conchor a his wear Figures, The Swietana Feb, jugar was nighty recommended or few years ago, but subsequent experience husproved



it to be recededly inferior to the Bark. Billey have been used, and in cases of the bart failing, have been found frequently capable of enoug this risease Among the best of these are Pustice, Gentien, and Colombo, and ought to be given in cot infusion. or pills of the Extract of he two first articles. His is a remed introduced by John No thersill who spoke of it with enthusiasm. It has been meet employed in this city; when not alone, it is incombeleut to the cure of Intermittent Housen, But when combined with Opinio & Bitters, it's powers are much increased and may ofter success. The Tollowing is a good formula for exteritions it wis His 34. Pros? Jentian 3t. Oficem 2 grains, mixed and divided into 12 powders, one to be taken every 2 hong. Phareval is said to be a remisty of great lowerin this I grass, especially when accom panied with dyeer in . Sultar is also of arest utility in they complaint - it ought to be quien



in Loges of 30 or Ledgrains every those or Jour laws miged with water, Brandy, Moleper, Br) Laking care to present to affecting the bowels as a pursation Sulphate of Colper, when combined with obenes, in dozen of to grain of each three or It limbs a dust -It has been declared by some Alugsicians to be equal to the Peruvian backo. Oride of Sulphate of Line have been advanta yearly used in dozen of 2 or 3 grams of either, three or 4 ting a Lay. . Hum has been found of services in doses of about 4. 5 yes combined with nutry, 3 well living a Day-Jugar of Lead has been highly extotted in serveral physician, I stated by some to be more succeptal Than the Back. This however is undoubtely exagger and. The Brapal of Iron has been re commuded by D. Tollick - He of Mary land, which ascountly only partly confirmed in this city. Dose 6. 8 gor three or four ing in 24 hours. Oride of Birmuth is in high repute in Formany - Dose



4 or 5 ges 3 or At times a Day. Oil of Tarpentine has also been recommended. Black & Cayenne Leffer have also cared this Dejorder. An important remedy, lately introduced, is the Spiders web; it ought to be sufficiently fresh of glutinous to make nito fills of 5 grains - one of which may be given every 3 hours, in all the stoges. It has an anodyme property, bis particularly recommended in case of Meroning irritability. The web of the black Spider ought to be employed. Anual Gelation has been recommended in this desire by the French Physiciang. Several respondable practitioner, in England support the opinion . It was used by the former in the state of gleer, Bby the latter as Calver foot Jelly. It has been used with succep. Any strong imprepion made on the mind, on that of horror, will after prevent the parogysm. Iwal. lowing a living Spider, and other things of this kind have been employed by the valgar I with sucap.



Notinthestanding our numerous resuld is, this Disinge will occasionally in spite of all, rem its course -In such cases it becomes obstinate by habit. It is necepary here, gradually to introduce Mercury into the system, do up to produce moderate optigation. Blister are there cases a very useful auxiliary. applied to the extremeticy. Imale bleed wigh, when the pulse is corded and full, & there is is pain in some of the vigicera, are often useful. It is of importance to cure this disease, as when suffered to remon for a long time it is all to bring on other diseases, as Dropsy, Rheumation bout, Indurations of the Discoon, Hy drocephalups after the disease is apparently sured, it is all to return on the slightest change of weather, or exposure to cob. as a gene. ral rule, the remedies ought to be continued for one or two week, after the disease has disappeared. The next may in general be rich I good, expecially in week persons, but in plethoric cares the reverse plan must be had recourse to. Wine, brothy, calve, foot selly may be used, with exercise and warm clothing.

